



2000 Toxics Release Inventory

SOUTH CAROLINA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	New Industry	Total
On-site Releases	43,781,746	20,050,119	63,831,865
Air Emissions	38,708,875	17,034,206	55,743,081
Surface Water Discharges	2,942,081	20,404	2,962,485
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	16,522	0	16,522
Other On-site Land Releases	2,114,268	2,995,509	5,109,777
Off-site Releases (Transfers Off-site to Disposal)*	15,264,912	272,047	15,536,959
Total On- and Off-site Releases	59,046,658	20,322,166	79,368,824
Recycled On-site	386,333,548	3,337,727	389,671,275
Recycled Off-site	79,760,833	626,949	80,387,782
Energy Recovery On-site	132,272,150	11,471	132,283,621
Energy Recovery Off-site	19,228,849	16,841,270	36,070,119
Treated On-site	141,095,002	12,989,295	154,084,297
Treated Off-site**	12,096,935	693,544	12,790,479
Quantity Released On- and Off-site***	61,688,049	20,313,464	82,001,513
Total Production-related Waste Managed	832,475,366	54,813,720	887,289,086
Non-production-related Waste Managed	16,056	0	16,056

Transfers Off-site for Further Waste Management/Disposal

Recycling	78,431,739	610,683	79,042,422
Energy Recovery	19,099,480	16,841,353	35,940,833
Treatment	5,174,175	593,211	5,767,385
Publicly Owned Treatment Works (POTWs)	6,184,766	1,095	6,185,861
Metals and Metal Compounds*	158,721	0	158,721
Non-metal TRI Chemicals**	6,026,045	1,095	6,027,140
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal (not including metals to POTWs)	17,649,921	272,047	17,921,968
Total Transfers Off-site for Further Waste Management/Disposal	126,540,081	18,318,388	144,858,470

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

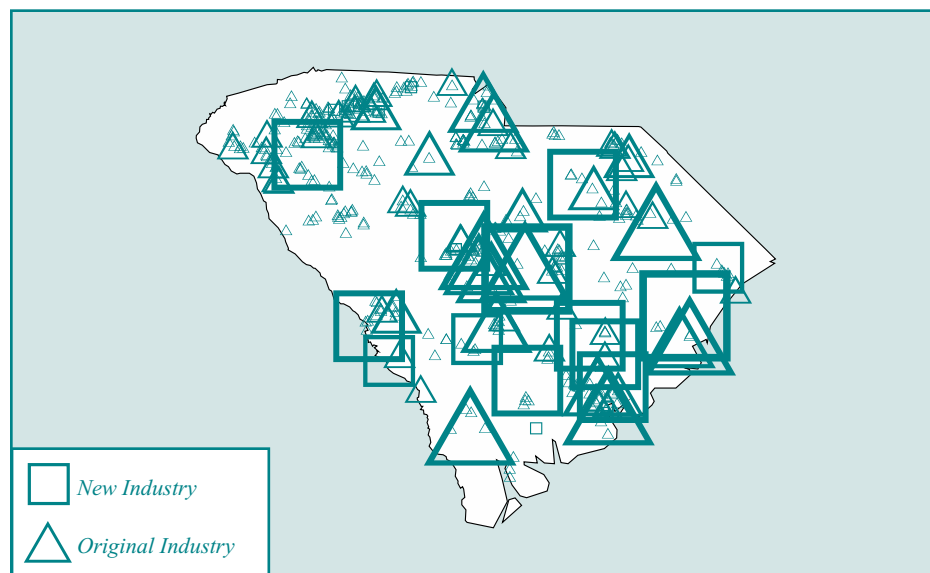
State Contact

Michael Juras
2600 Bull Street
Columbia, SC 29201
(803) 898-4385
Fax: (803) 898-4487
jurasms@columb31.dhec.state.sc.us

EPA Contact

Ezequiel Velez
Atlanta Federal Center
61 Forsyth Street, S. W.
Atlanta, GA 30303
(404) 562-9191
velez.ezequiel@epa.gov

To obtain TRI data use
assistance, call TRI User
Support Service (TRI-US):
(202) 566-0250
Fax: (202) 401-2347
tri.us@epa.gov



The largest marker in the state map represents the largest facility for on-site releases in the state of South Carolina. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	4,023,438
Square Miles	30,111
Total Facilities	525
Total Forms	2,122
Form As	289

	Original Industry	New Industry	Total
National Rank for Total On- and Off-site Releases*			
Rank	15	29	25
Pounds	59,046,658	20,322,166	79,368,824
National Rank for Total On-site Releases**			
Rank	17	27	27
Pounds	43,781,746	20,050,119	63,831,865
National Rank for Total Releases within State***			
Rank	18	30	26
Pounds	49,393,327	20,436,564	69,829,892
National Rank for Production-related Waste Managed			
Rank	7	25	11
Pounds	832,475,366	54,813,720	887,289,086

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



2000 Toxics Release Inventory

SOUTH CAROLINA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	16,012,480	0	0	5	0	16,012,485	0	0	0
67-56-1	Methanol	13,687,732	51,432	0	122,394	15,137	13,876,695	4,360	11,131	4,006
—	Zinc compounds	103,663	45,511	0	700,682	10,160,416	11,010,272	87,506	1,063,248	9,097,168
108-88-3	Toluene	3,907,374	466	0	977	14,541	3,923,358	122,192	775	13,946
—	Manganese compounds	29,680	289,904	0	1,068,152	2,432,563	3,820,299	105,149	854,008	1,578,555

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Polycyclic aromatic compounds	61,502.28	191.30	0.00	182.90	44,643.43	106,519.91	58.00	43,696.43	947.00
79-94-7	Tetrabromobisphenol A	0.00	0.00	0.00	10,035.00	10,712.00	20,747.00	315.00	10,712.00	0.00
—	Mercury compounds	2,328.58	19.87	0.00	1,289.05	136.67	3,774.16	18.50	102.90	33.77
191-24-2	Benzo(g,h,i)perylene	833.05	8.72	0.00	20.95	22.38	885.10	0.00	17.38	5.00
7439-97-6	Mercury	250.23	13.00	0.00	38.50	25.60	327.33	221.53	6.40	19.20
1336-36-3	Polychlorinated biphenyls (PCBs)	23.01	0.00	0.00	0.00	0.00	23.01	0.00	0.00	0.00
—	Dioxin and dioxin-like compounds	0.22	0.01	0.00	0.00	0.01	0.24	0.00	0.01	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>98.361</i>	<i>5.679</i>	<i>0.000</i>	<i>1.487</i>	<i>3.663</i>	<i>109.189</i>	<i>0.000</i>	<i>3.663</i>	<i>0.000</i>
118-74-1	Hexachlorobenzene	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.



2000 Toxics Release Inventory

SOUTH CAROLINA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
International Paper, Hampton, Hampton	3,734,847	0	0	0	0	0	3,734,847	0	0
South Carolina Electric & Gas Co. Wateree Station, Eastover, Richland	3,420,439	0	0	0	0	0	3,420,439	0	0
International Paper Georgetown Mill, Georgetown, Georgetown	2,787,851	61,905	0	0	0	117,347	2,967,103	256,177	0
Westvaco Corp. Packaging Resources Group, North Charleston, Charleston	2,623,706	44,769	0	0	0	57,200	2,725,675	77,417	0
Winyah Generating Station, Georgetown, Georgetown	2,094,725	5	0	0	0	595,708	2,690,438	0	0
Stone Container Corp., Florence, Florence	2,299,066	44,289	0	0	0	234,748	2,578,103	0	0
Intertape Polymer Group Columbia Div., Columbia, Richland	2,404,027	0	0	0	0	0	2,404,027	691	0
International Paper, Eastover, Richland	1,575,814	197,668	0	0	0	416,248	2,189,730	0	0
Genco Williams Station, Goose Creek, Berkeley	1,910,223	53	0	0	0	0	1,910,276	117,902	0
Bowater Inc. Coated Paper Div., Catawba, York	1,441,221	192,555	0	0	0	262,060	1,895,836	0	0

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Gold Kist Sumter Processing Plant, Sumter, Sumter	34,770.00	0.00	0.00	0.00	0.00	0.00	34,770.00	0.00	0.00
C. R. Bard Inc., Moncks Corner, Berkeley	10,369.00	0.00	0.00	0.00	0.00	0.00	10,369.00	0.00	0.00
Isola Laminate Sys., Pendleton, Anderson	0.00	0.00	0.00	0.00	0.00	10,035.00	10,035.00	10,035.00	0.00
Bridgestone/Firestone South Carolina Co., Graniteville, Aiken	3,278.01	0.00	0.00	0.00	0.00	0.00	3,278.01	0.00	0.00
Springs Inds. Elliott Frances Plant, Fort Lawn, Chester	2,972.22	0.00	0.00	0.00	0.00	0.00	2,972.22	0.00	0.00
Springs Inds. Katherine Plant, Chester, Chester	2,157.10	0.00	0.00	0.00	0.00	0.00	2,157.10	0.00	0.00
Alumax of South Carolina, Goose Creek, Berkeley	1,644.00	0.00	0.00	0.00	0.00	0.00	1,644.00	0.00	0.00
International Paper, Hampton, Hampton	1,525.00	0.00	0.00	0.00	0.00	0.00	1,525.00	0.00	0.00
Showa Denko Carbon Inc., Ridgeville, Dorchester	1,109.00	0.00	0.00	0.00	0.00	0.00	1,109.00	1,134.00	0.00
Springs Inds. White Plant, Fort Mill, York	911.96	0.00	0.00	0.00	0.00	0.00	911.96	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



2000 Toxics Release Inventory

SOUTH CAROLINA

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Nucor Steel, Huger, Berkeley	0	2,049,065	0	0	0	0	9,553,436	11,602,501	0
International Paper, Hampton, Hampton	5,277	0	0	11,899	0	46,524	3,736,669	3,800,369	0
South Carolina Electric & Gas Co. Wateree Station, Eastover, Richland	0	0	0	0	453,874	0	3,420,684	3,874,558	0
International Paper Georgetown Mill, Georgetown, Georgetown	0	0	0	0	14,834,200	0	3,334,615	18,168,815	0
Westvaco Corp. Packaging Resources Group, North Charleston, Charleston	0	0	12,003,119	1,900	6,446,013	0	2,755,206	21,206,238	0
Winyah Generating Station, Georgetown, Georgetown	0	263,937	0	0	3,654,496	0	2,685,153	6,603,586	0
Stone Container Corp., Florence, Florence	0	0	0	0	3,841,228	0	2,576,474	6,417,702	0
Intertape Polymer Group Columbia Div., Columbia, Richland	12,102,431	0	0	22,777	774,000	674	2,404,027	15,303,909	0
International Paper, Eastover, Richland	0	0	587,850	0	9,273,970	0	2,183,618	12,045,438	0
Genco Williams Station, Goose Creek, Berkeley	0	0	0	0	347,740	0	2,028,178	2,375,918	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Gold Kist Sumter Processing Plant, Sumter, Sumter	0	0	0	0	0	0	34,770	34,770	0
C. R. Bard Inc., Moncks Corner, Berkeley	0	0	0	0	0	0	10,369	10,369	0
Isola Laminate Sys., Pendleton, Anderson	0	0	0	0	0	0	10,035	10,035	0
Michelin N.A. Inc., Greenville, Greenville	0	10,000	0	0	0	0	10,000	20,000	0
Michelin N.A. Inc., Lexington, Lexington	220,000	6,200	0	0	0	0	9,800	236,000	0
Michelin N.A. Inc., Greenville, Greenville	160,000	3,300	0	0	0	0	8,500	171,800	0
Michelin N.A. Inc., Spartanburg, Spartanburg	78,000	5,500	0	0	0	0	6,400	89,900	0
Michelin N.A. Inc., Sandy Springs, Anderson	1,300	25,000	0	0	0	0	5,900	32,200	0
Bridgestone/Firestone South Carolina Co., Graniteville, Aiken	0	0	0	0	0	0	3,278	3,278	0
Springs Inds. Elliott Frances Plant, Fort Lawn, Chester	0	0	0	0	0	0	2,972	2,972	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.